

Attorney Docket No. 03544/LH



**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicant(s): Takahiro KAWAGUCHI
Serial No. : 10/655,894
Filed : September 4, 2003
For : WIRE DOT PRINTER HEAD AND
WIRE DOT PRINTER
Art Unit :
Customer No.: 09133

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

S I R :

Submitted herewith are copies of five Japanese documents and a Form PTO/SB/08A listing the particulars thereof. It is respectfully requested that the Examiner return an initialed copy of the attached Form PTO/SB/08A to confirm that the documents listed therein have been considered and made of record.

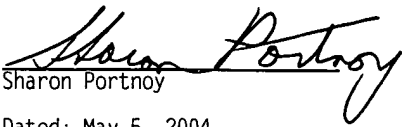
Commercially available English language Abstracts for each of the Japanese documents are attached. Japanese Patent Nos. 2944562, 2833001 and 2850673 all have English language Abstracts from their corresponding 18-month Japanese publications attached thereto.

Respectfully submitted,

Leonard Holtz
Reg. No. 22,974

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date noted below.


Sharon Portnoy
Dated: May 5, 2004

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper, to Account No. 06-1378.

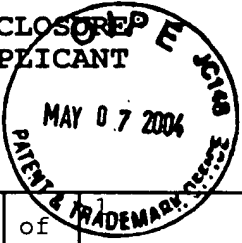
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PTO/SB/08A (08-00)

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Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT 			Application Number	10/655,894	
			Filing Date	September 4, 2003	
			First Named Inventor	Takahiro KAWAGUCHI et al	
			Group Art Unit		
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	03544/LH

U.S. PATENT DOCUMENTS

Exam. Inits*	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion

FOREIGN PATENT DOCUMENTS

Exam Inits*	Cite No ¹	offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
		JP	10-006537	A	TEC CORP.	01-13-1998		X
		JP	10-291330	A	SEIKO EPSON CORP.	11-04-1998		X
		JP	2850673	B2	NEC CORP.	11-13-1998		X
		JP	2833001	B2	SEIKO EPSON CORP.	10-02-1998		X
		JP	2944562	B2	NEC YONEZAWA LTD	06-25-1999		X
			X English language Abstract only.					

Examiner Signature		Date Considered	
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

DATE MAILED: May 5, 2004